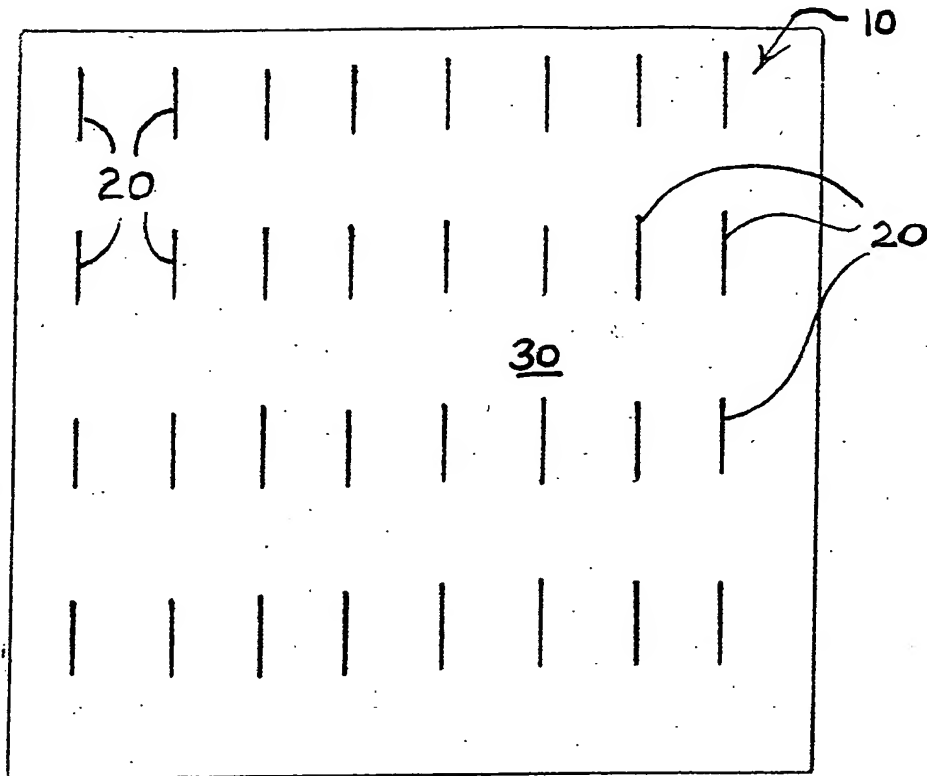
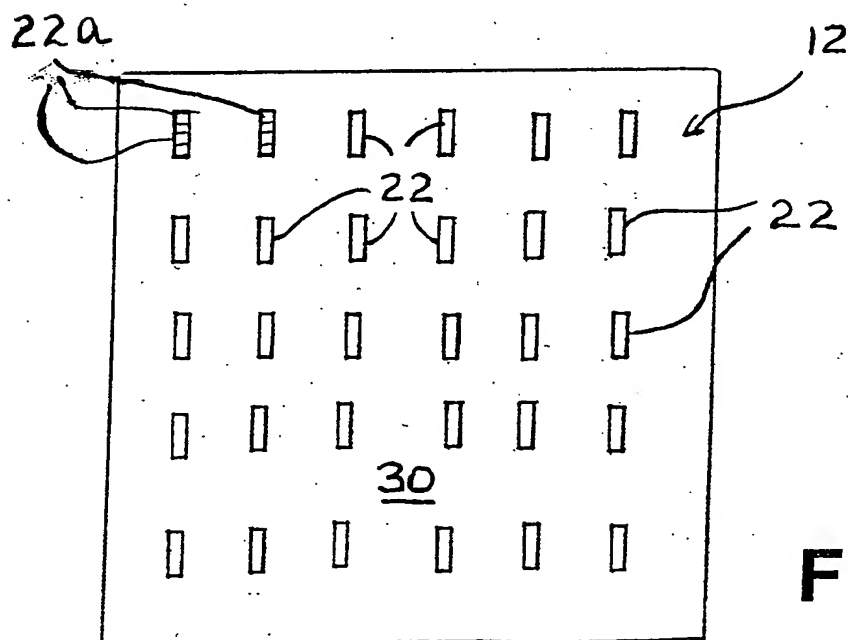




**BEST AVAILABLE COPY**



**FIG. 1A**



**FIG. 2**

Scaling function vs. plasma frequency

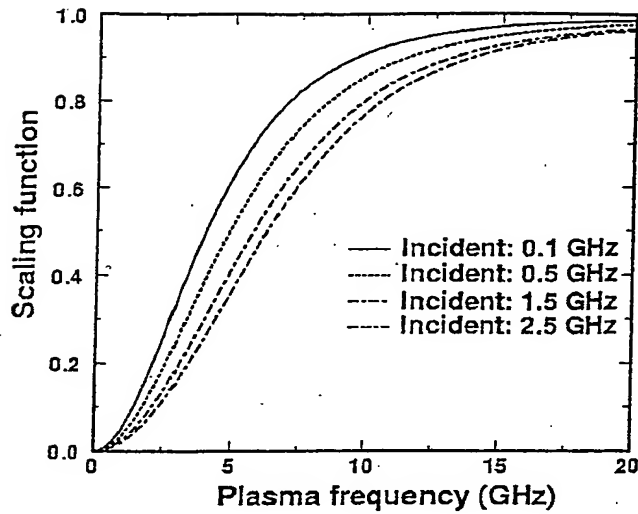
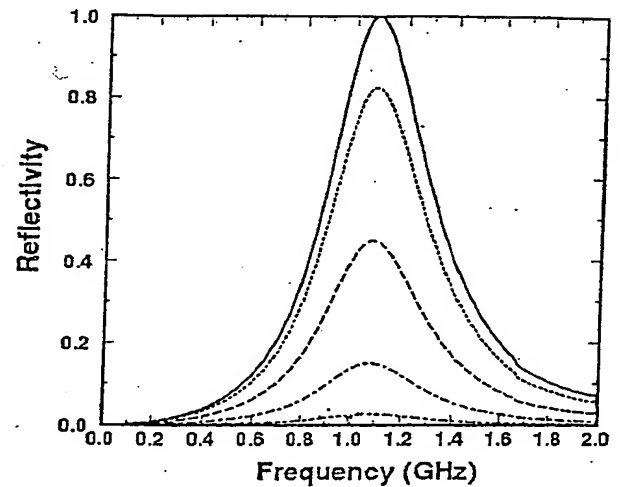


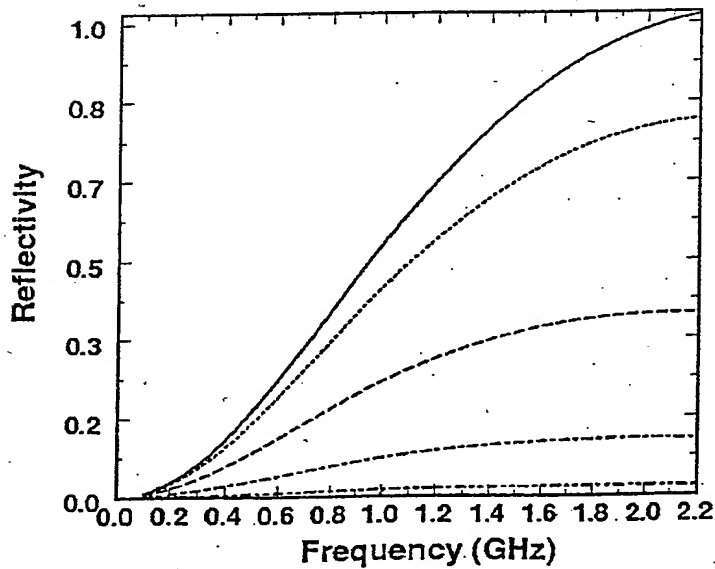
FIG. 1B

FIG. 1C

Reflectivity of plasma FSS



Reflectivity of plasma FSS window



- Perfect conductor
- Plasma freq = 10.0 GHz
- Plasma freq = 5.0 GHz
- Plasma freq = 2.5 GHz
- Plasma freq = 1.0 GHz

FIG. 1D

### Reflectivity of plasma FSS

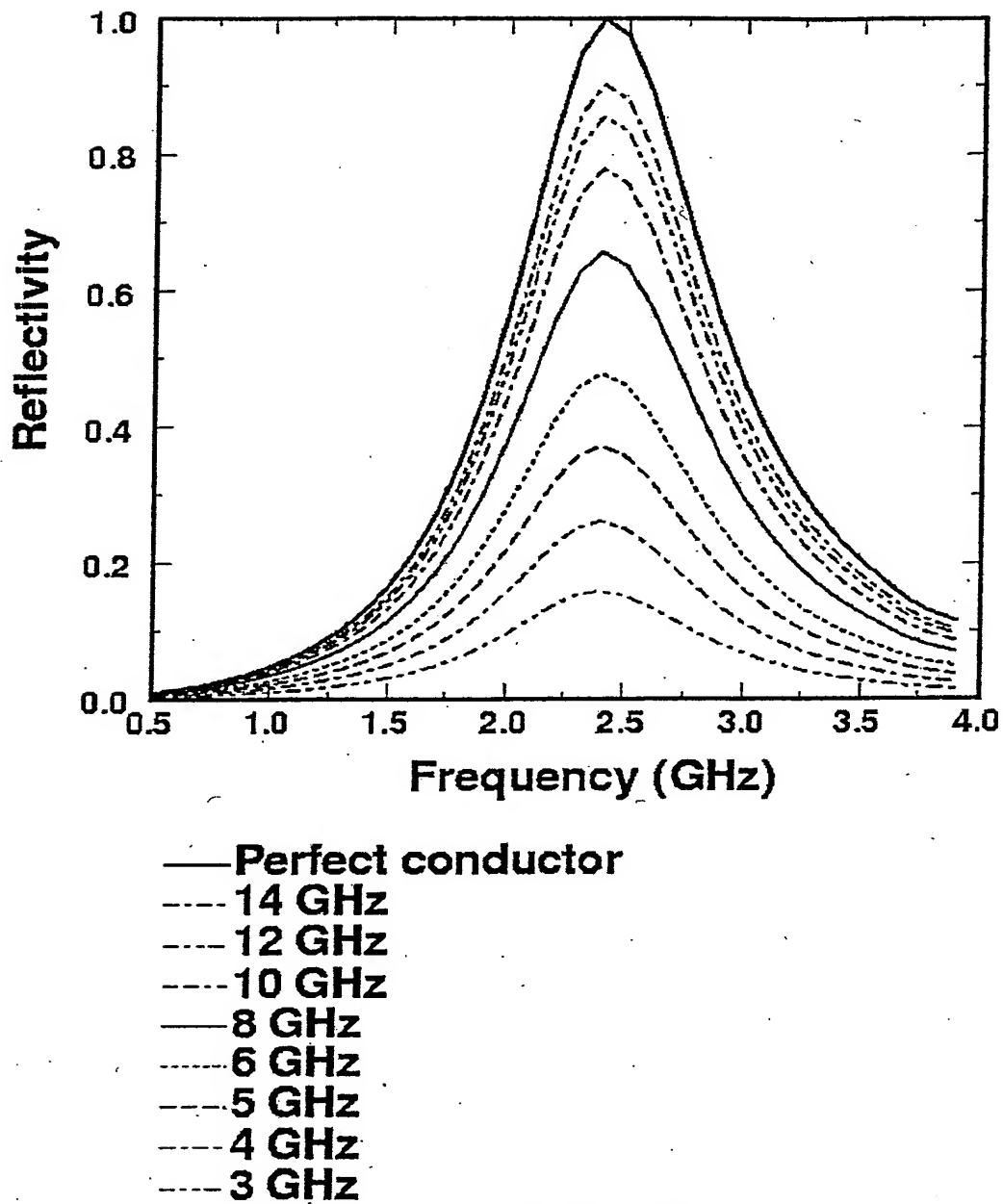
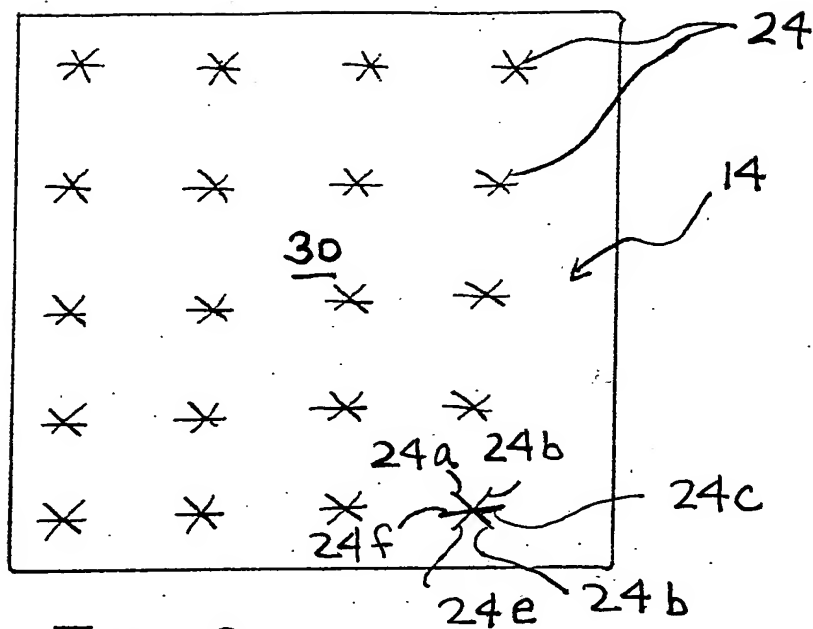
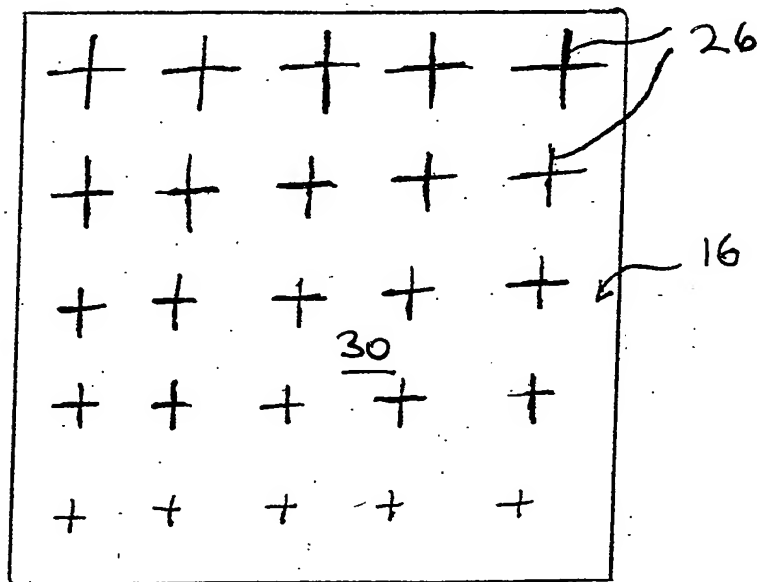


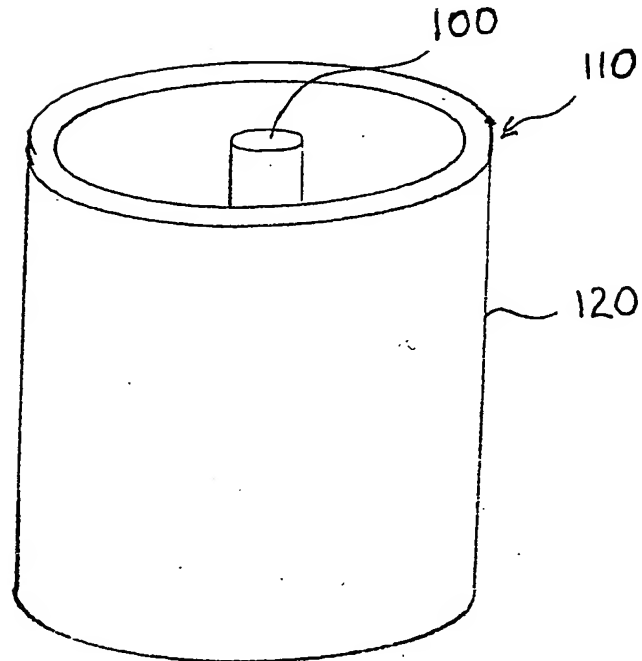
FIG. 1E



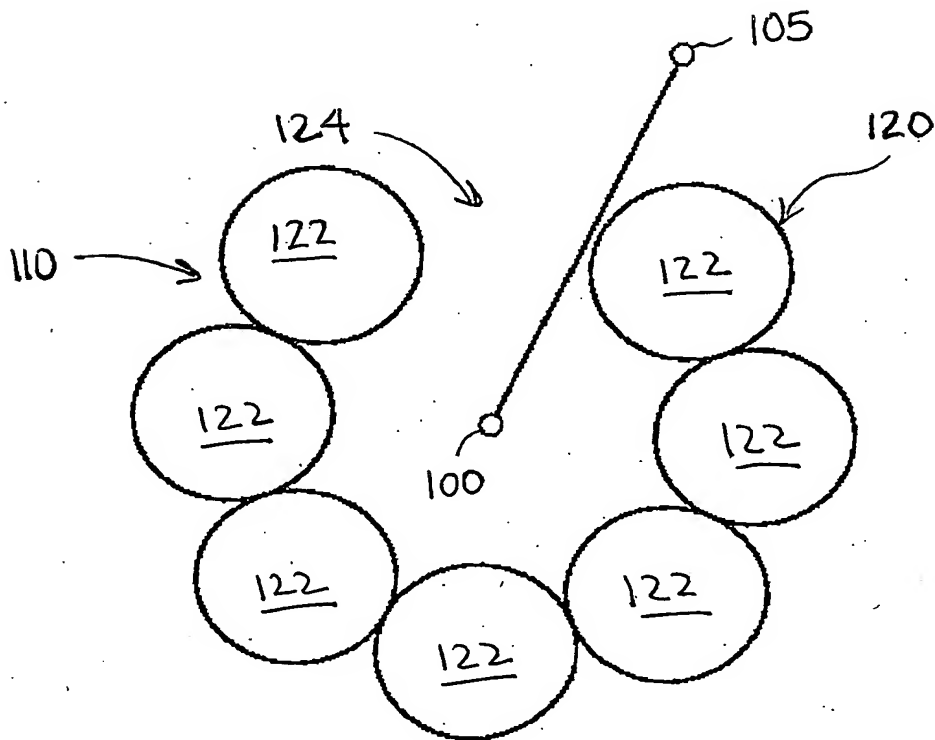
**FIG. 3**



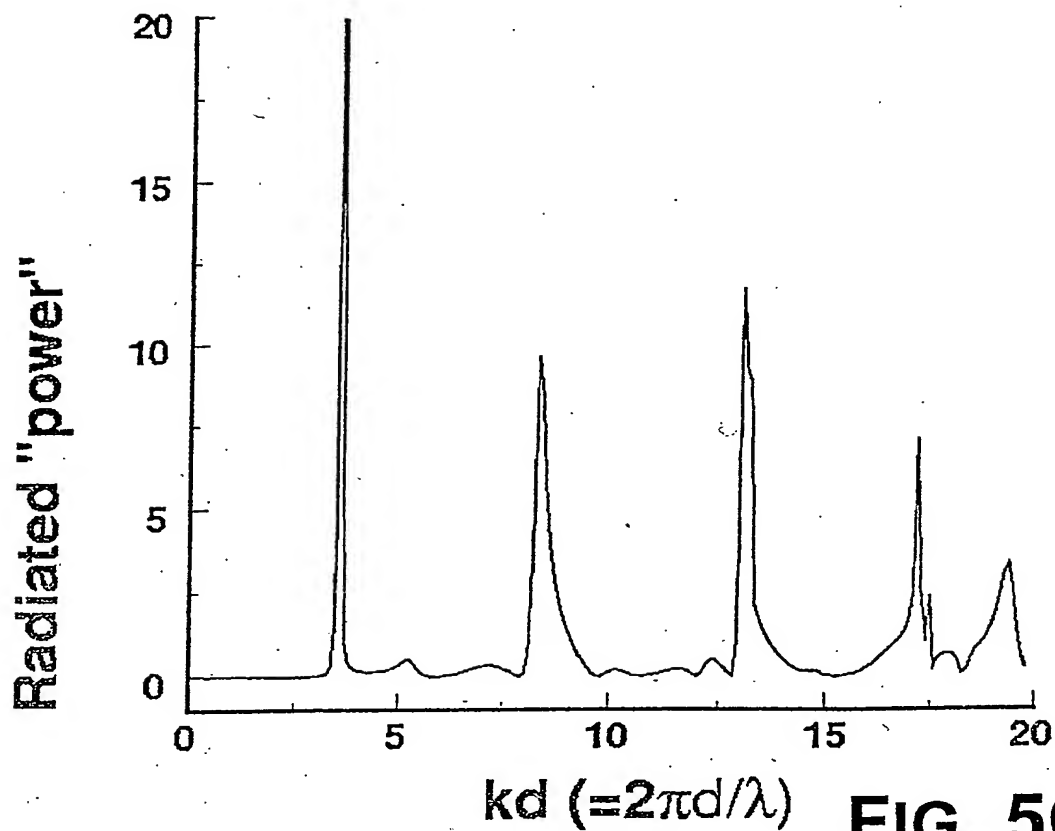
**FIG. 4**



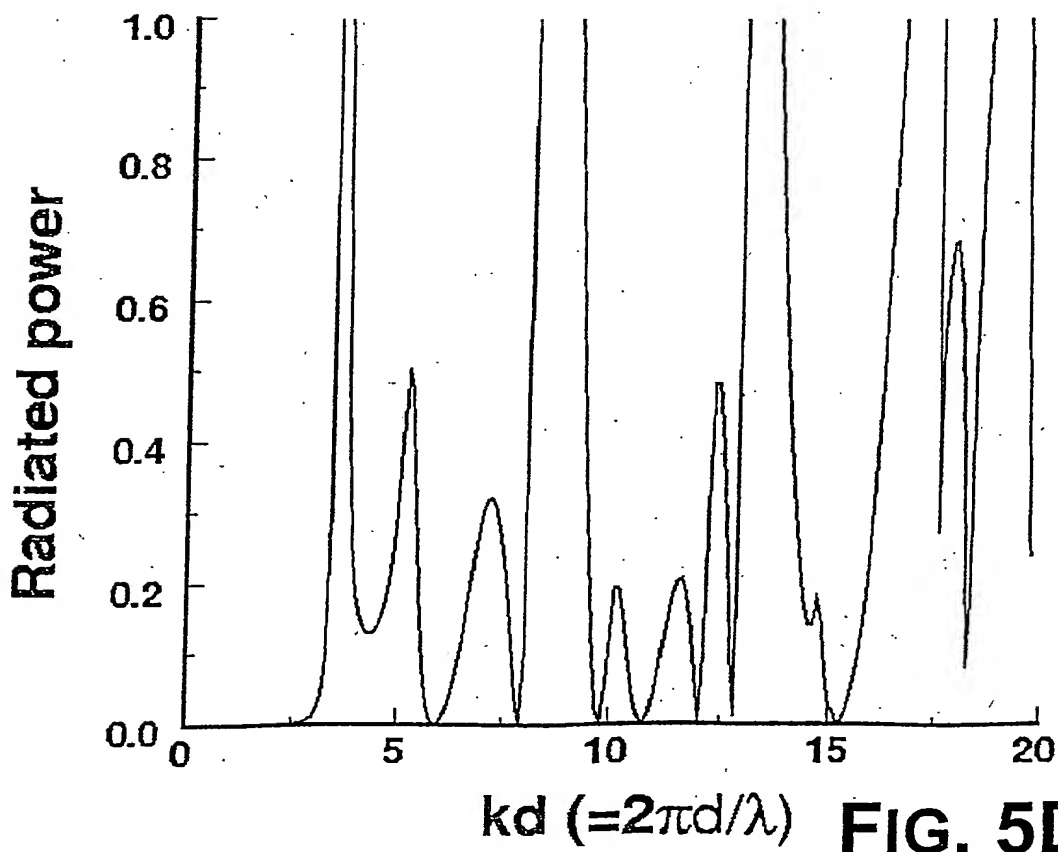
**FIG. 5A**



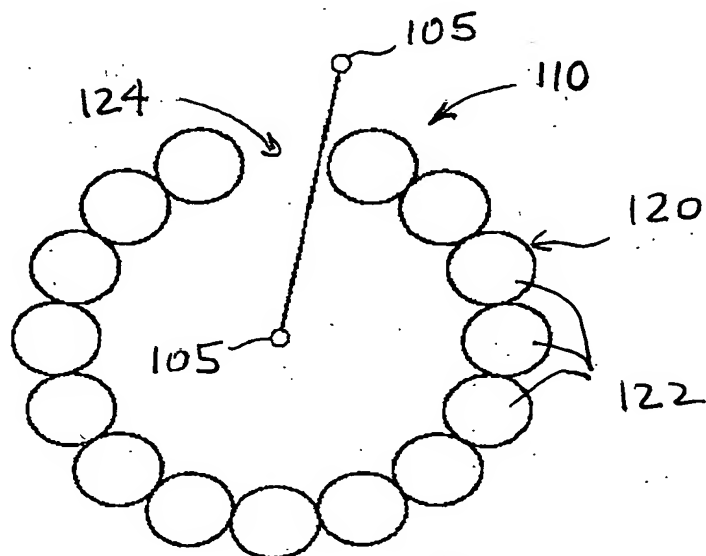
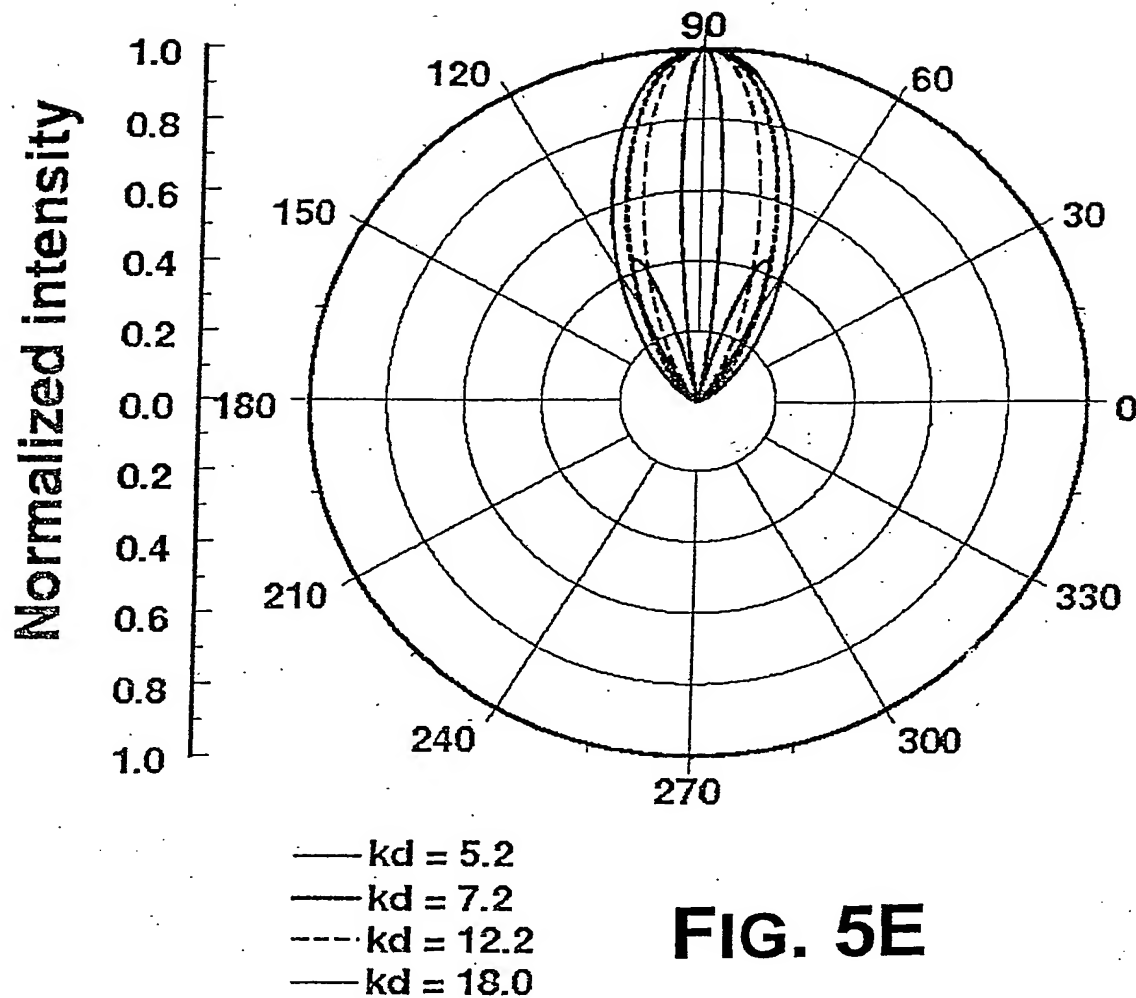
**FIG. 5B**

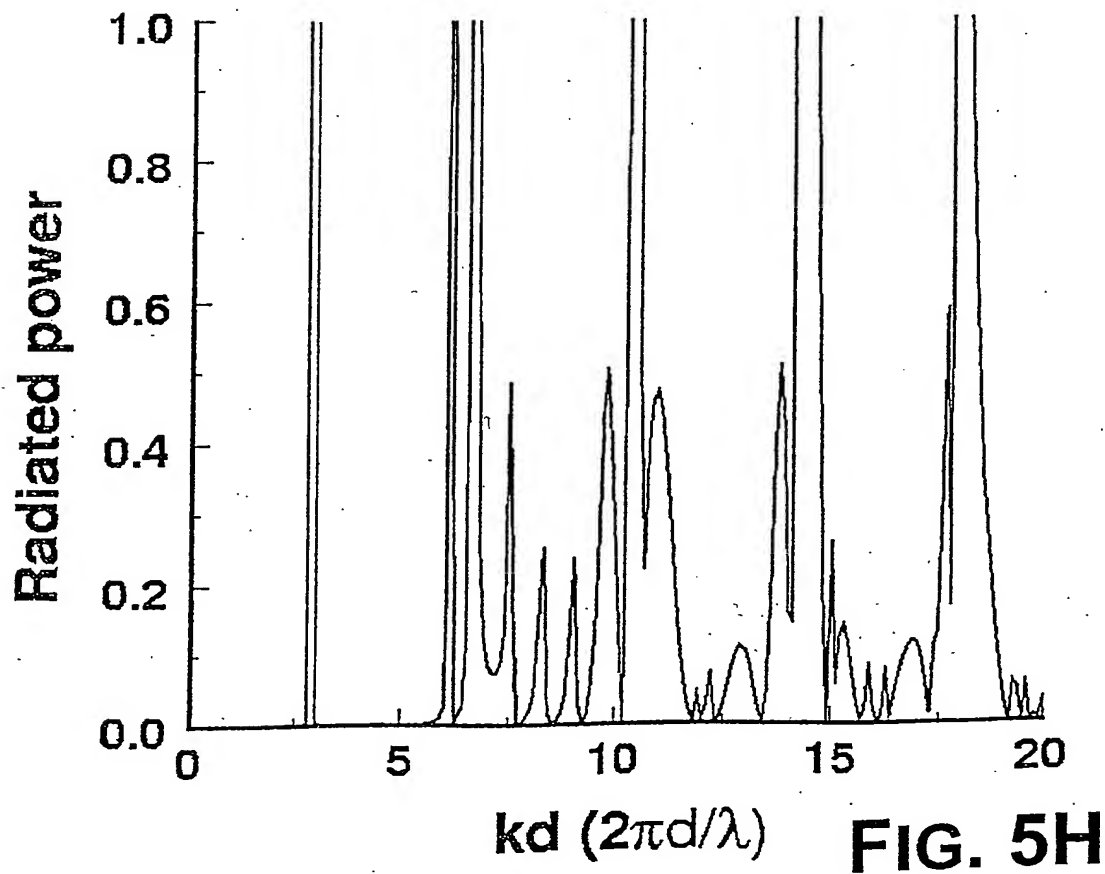
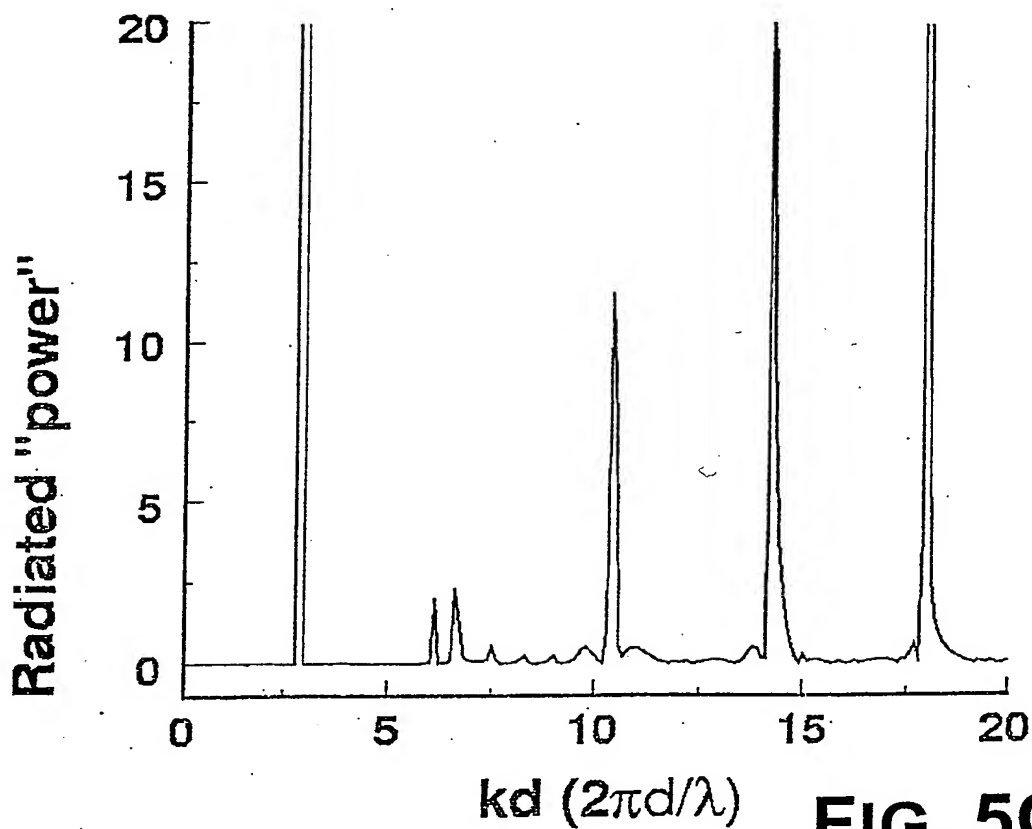


**FIG. 5C**

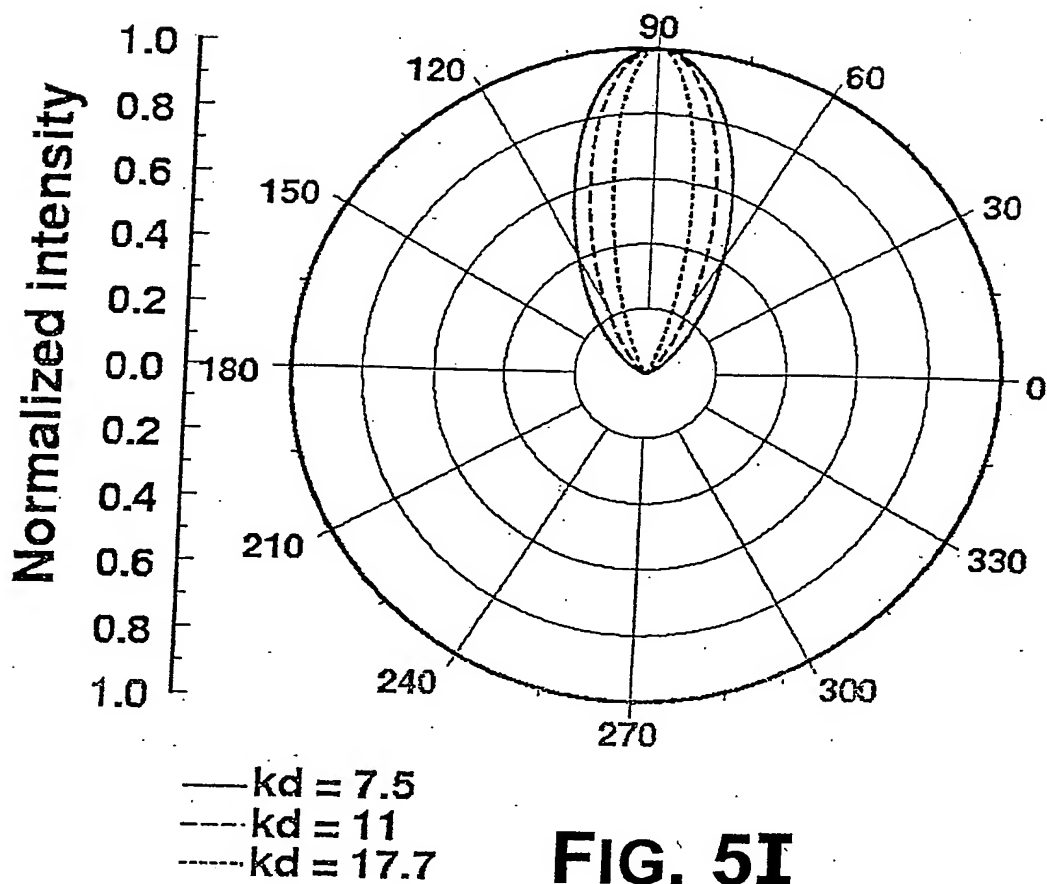


**FIG. 5D**

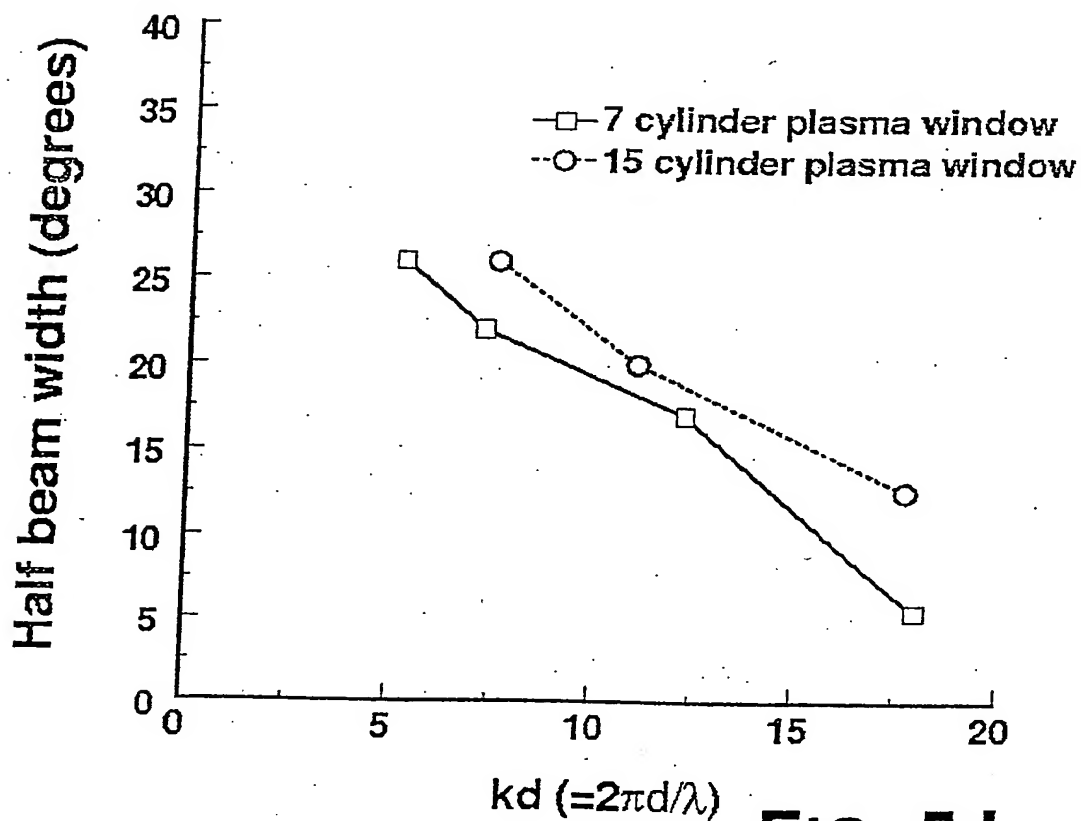




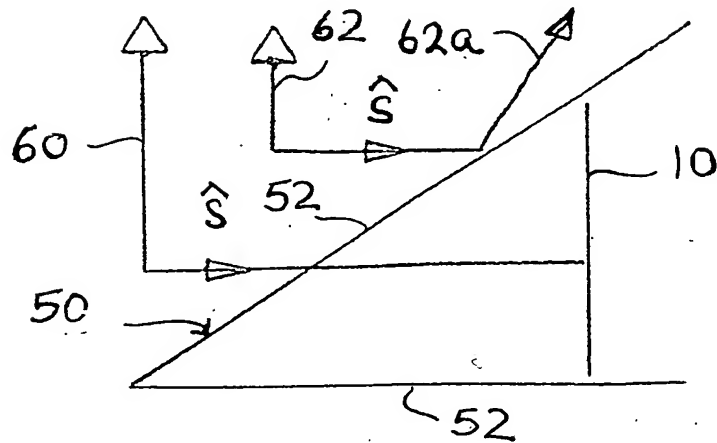




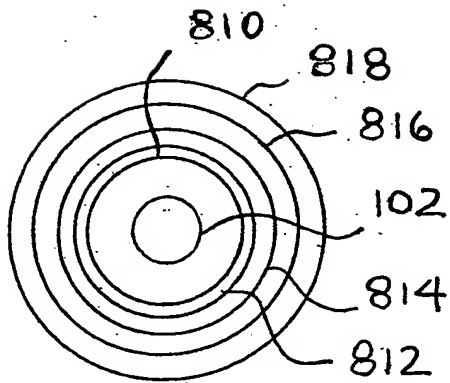
**FIG. 5I**



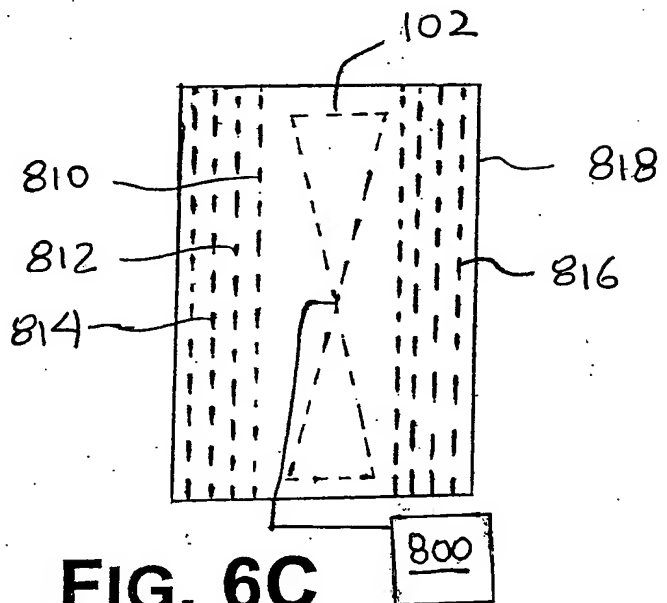
**FIG. 5J**



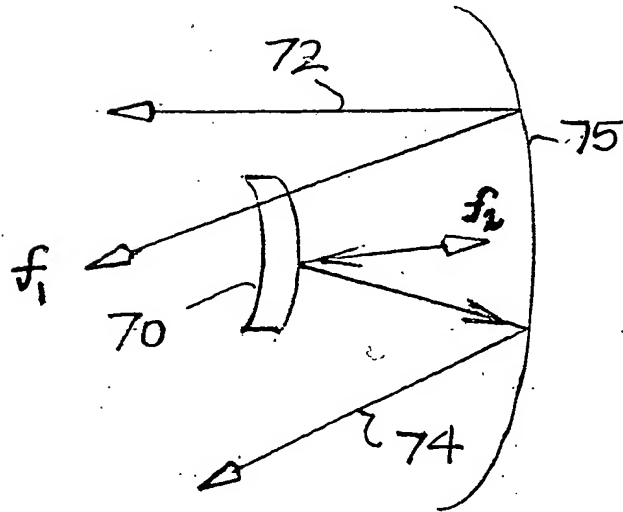
**FIG. 6A**



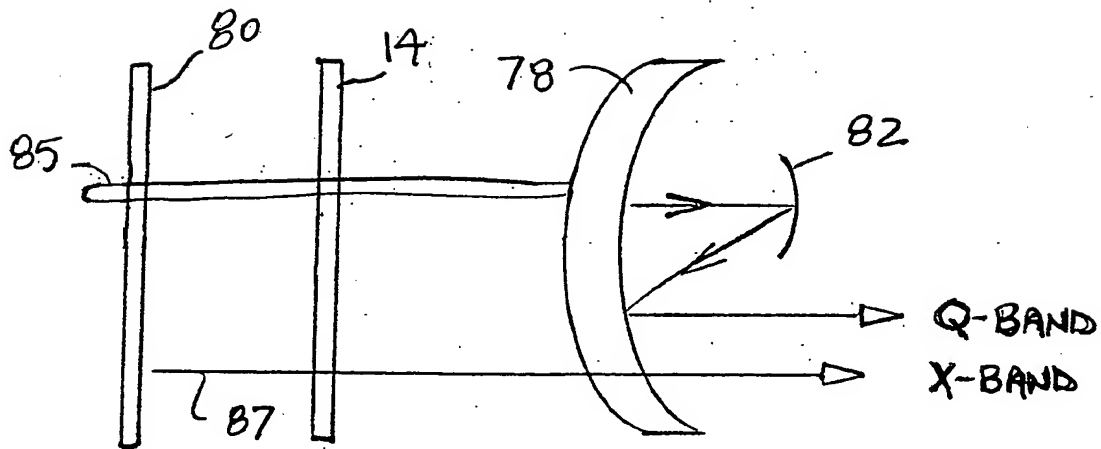
**FIG. 6B**



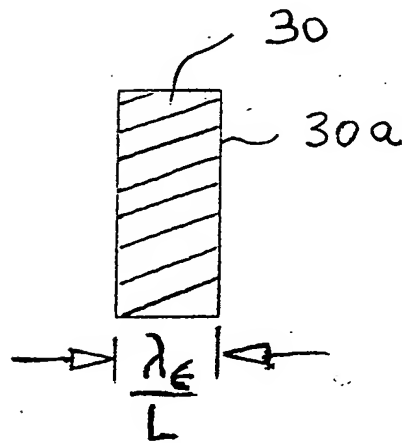
**FIG. 6C**



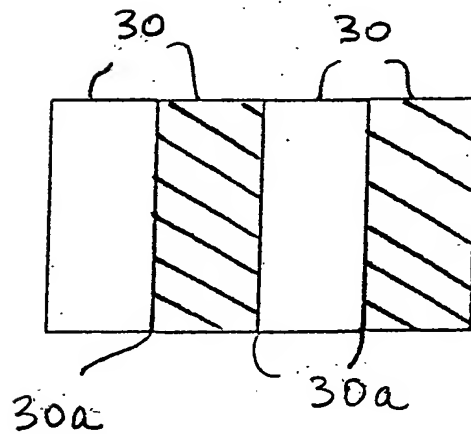
**FIG. 7**



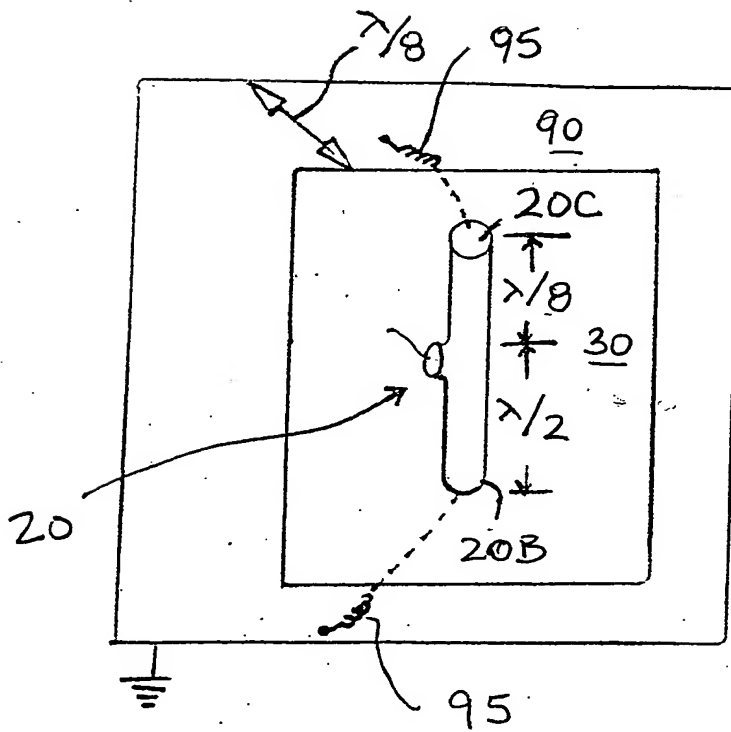
**FIG. 8**



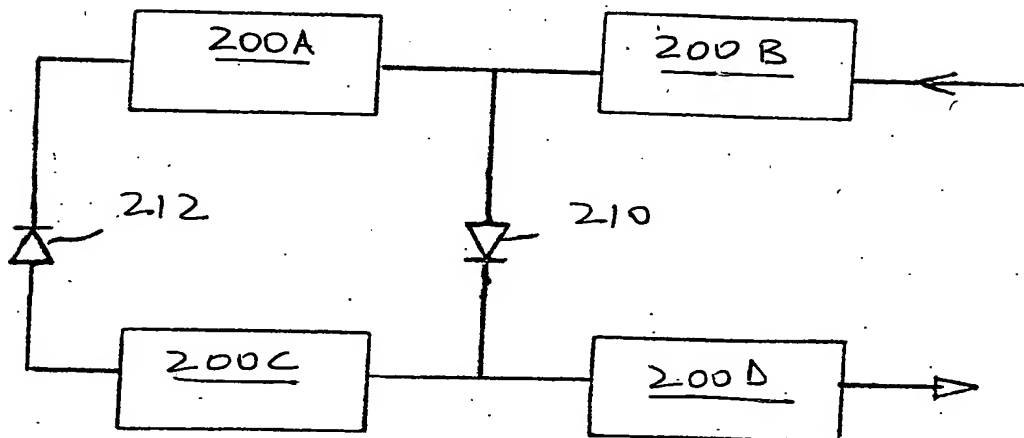
**FIG. 9A**



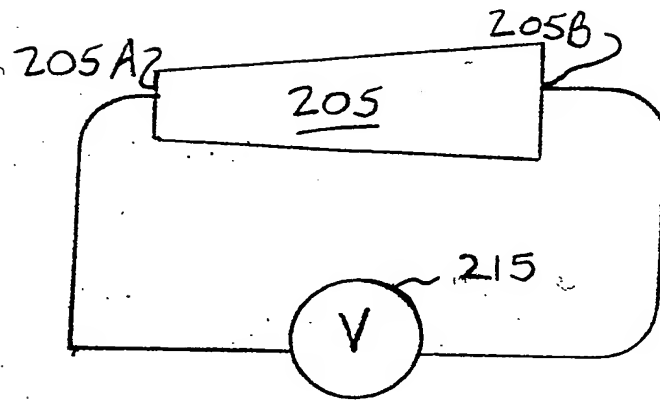
**FIG. 9B**



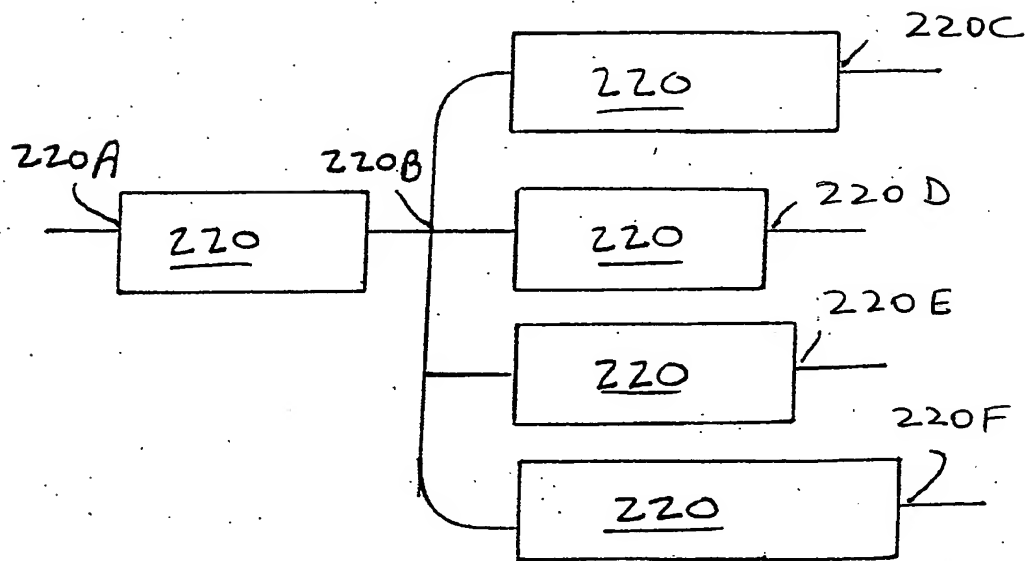
**FIG. 10**



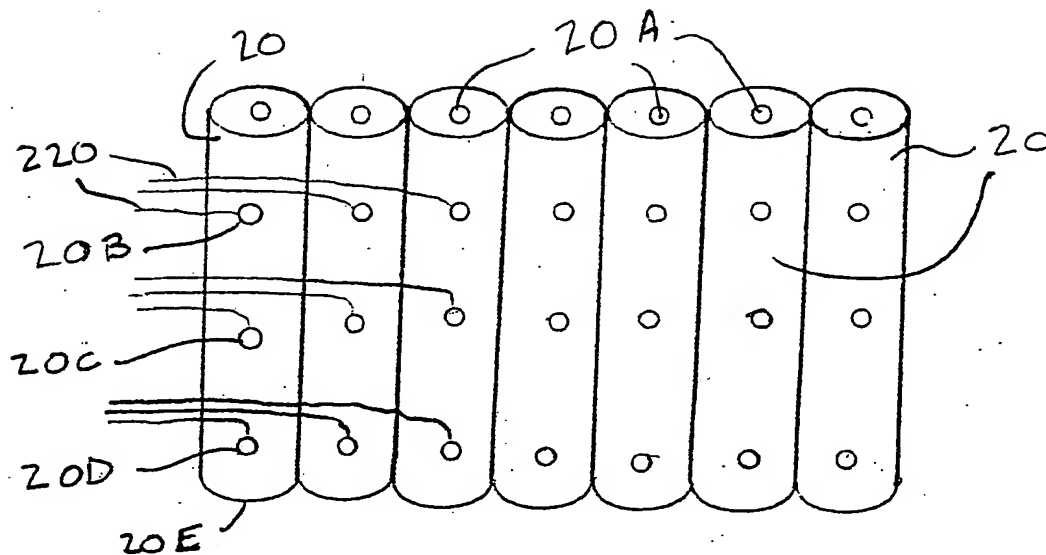
**FIG. 11**



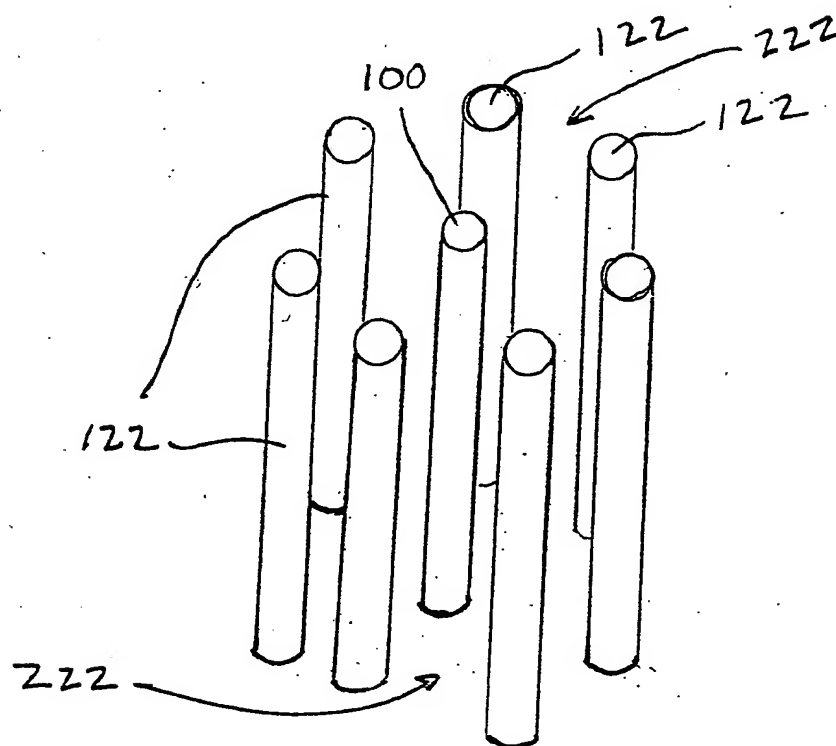
**FIG. 12**



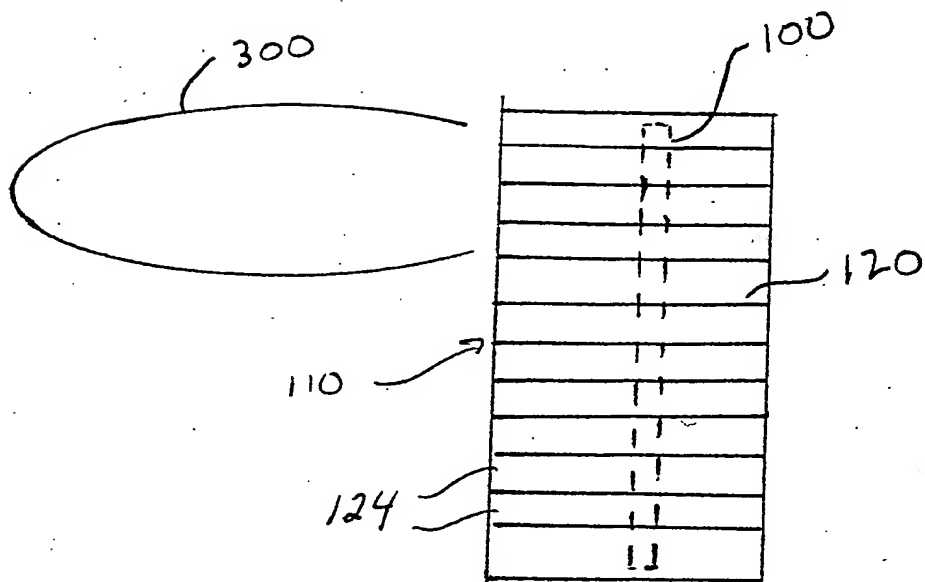
**FIG. 13**



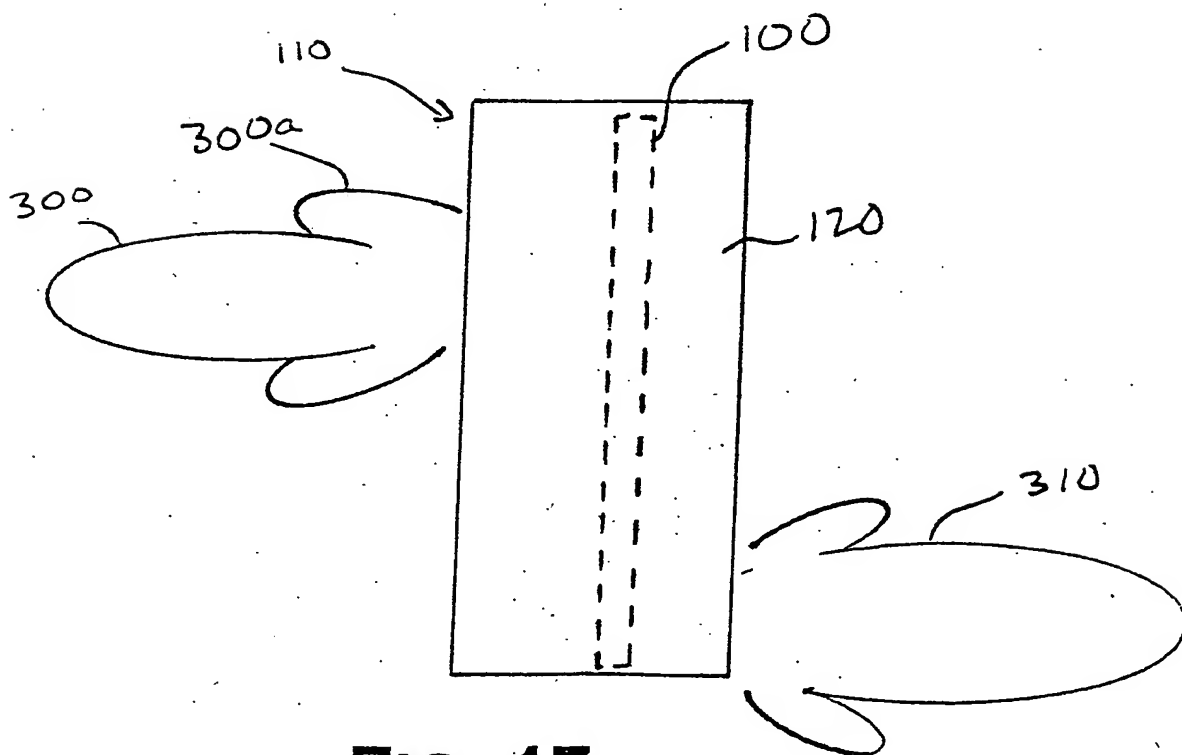
**FIG. 14**



**FIG. 15**

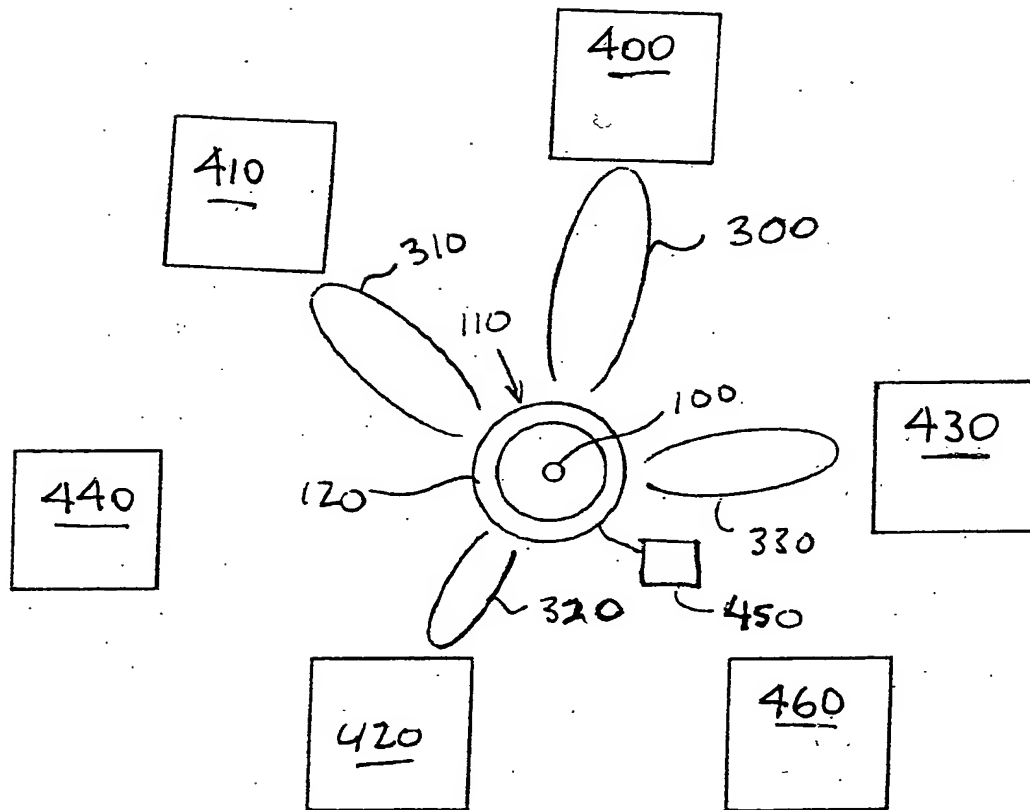


**FIG. 16**

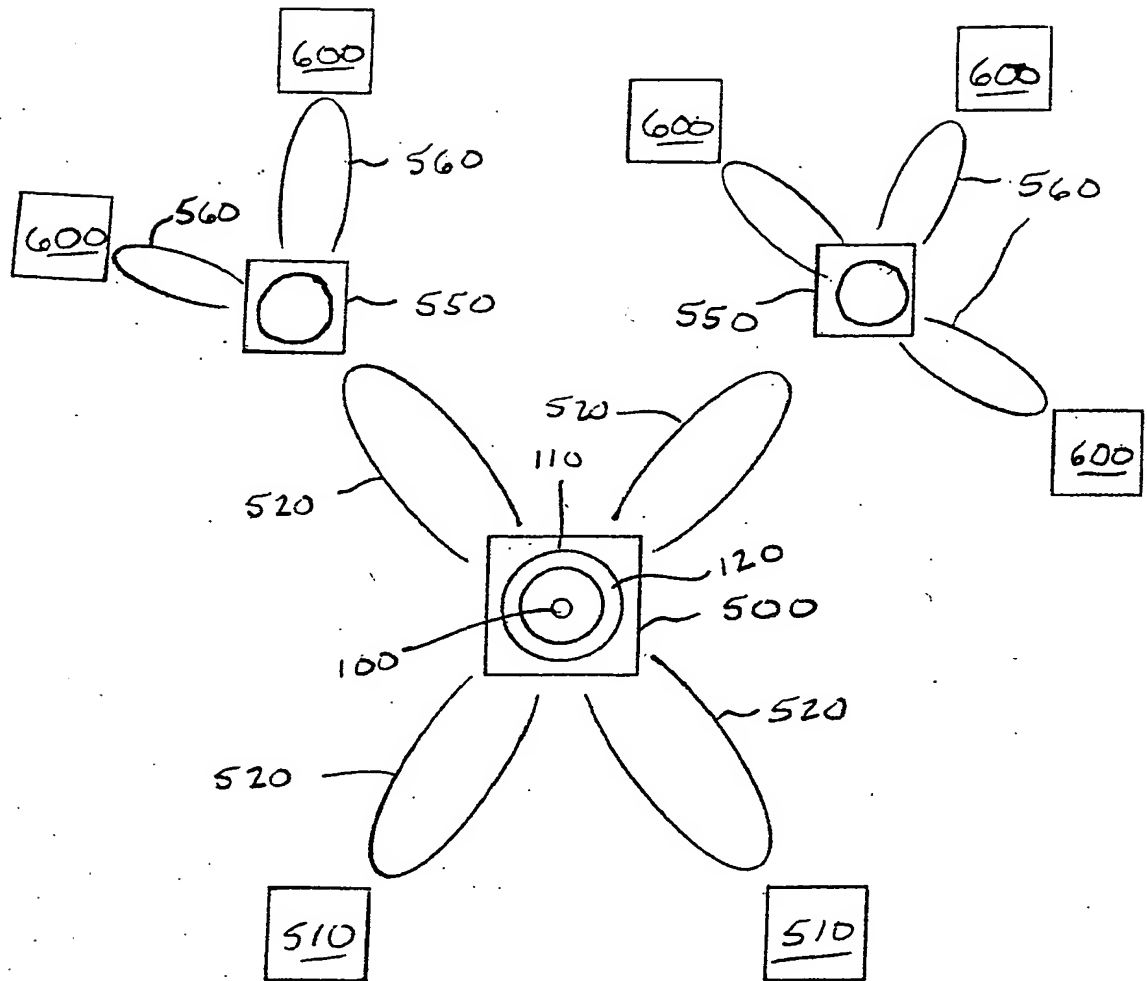


**FIG. 17**



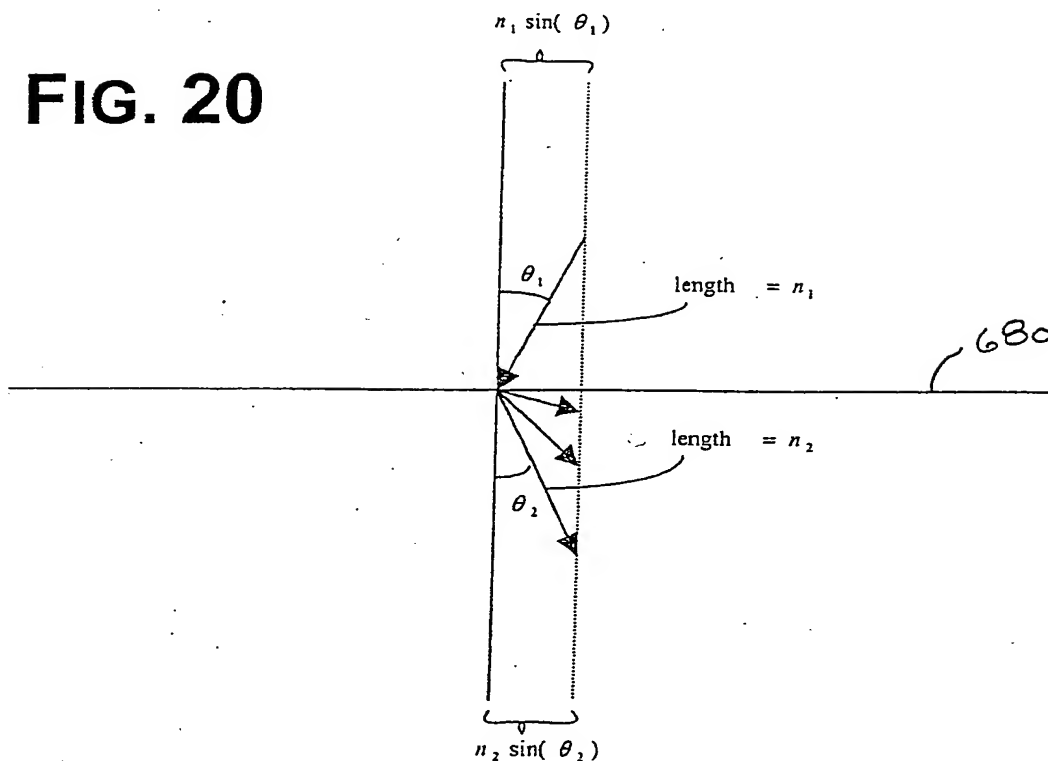


**FIG. 18**

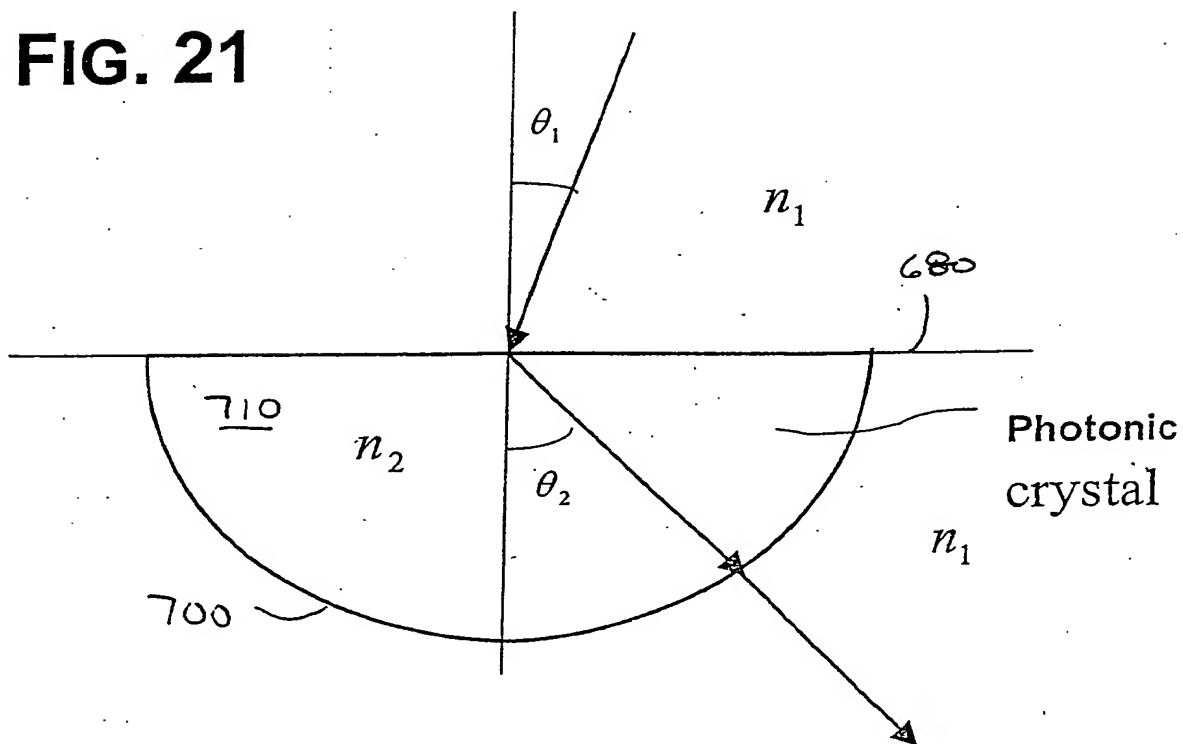


**FIG. 19**

**FIG. 20**



**FIG. 21**



**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☒ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**